Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sub	stitute for form 1449A/E	3/PTO		Complete if Known		
				Application Number	10/595,607	
11	<b>IFORMATIO</b>	ON DIS	CLOSURE	Filing Date	April 28, 2006	
S	TATEMEN1	BY A	PPLICANT	First Named Inventor	Heikki Korva	
				Art Unit	N/A 2821	
	(Use as many sheets as necessary)			Examiner Name	Not Yet Assigned Shik-Llooch	
Sheet	1	of	1	Attorney Docket Number	01329/0204278-US0	

	U.S. PATENT DOCUMENTS						
					Pages, Columns, Lines, Where		
Initials*	No.	Number-Kind Code <sup>2</sup> ( If known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
ce	AA*	US-20040085244-A1	05-25-2004	Kadambi et al.			
10	AB*	US-5,363,114	11-08-1994	Shoemaker			
ca	AC*	US-5,541,617	07-30-1996	Connolly et al.			

	FOREIGN PATENT DOCUMENTS									
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages					
Initials*	No.1	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>6</sup> (if known)		Applicant of Cited Document	or Relevant Figures Appear	Te				
ce	BA	EP-1 162 688-A1	12-12-2001	Murata Mfg. Co., Ltd.						
Ce.	BB	FI-110395-B	09-26-1998	Nokia Mobile Phones Ltd (FI)		$\Box$				
Co	BC	WO-00/36700-A1	06-22-2000	Ying						
10	BD	WO-03/094290-A1	11-13-2003	Boyle						

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cits No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). \* See Kinds Codes of USPTO Patent Documents at <a href="https://www.usobs.opu">www.usobs.opu</a> or MPEP 901.04. \* Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \* Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \* Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	L3				
		Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-Issue number(s), publisher, city				

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicants unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

Examiner	1.1 1	Date	12/11/27
	shih-Chao chen		12/11/0/
Signature	שווים וויוט טוויט וויוונ	Considered	

PTC/SB/08a/b (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Sut	stitute for form 1449A/B	/PTO		Complete If Known		
"	State of form 14-10-4 Di	10		Application Number	10/595,607-Conf. #3422	
11	IFORMATIC	N DI	SCLOSURE	Filing Date	April 28, 2006	
S	TATEMENT	BY	APPLICANT	First Named Inventor	Heikki Korva	
				Art Unit	NA 282/	
	(Use as many .	she ets as	necess ary)	Examiner Name	Not Yet Assigned Shift threthe	
Sheet	1	of	1	Attorney Docket Number	01329/0204278-US0	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> (#known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
				•		

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>4</sup> (# known)	Publication Date MIM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>		

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.usptg.nov">www.usptg.nov</a> or MPEP 901.04. Enter Office that issued the document, by the two-latter code (WIPO Standard ST.3). For Japanese petent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Mind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
ce		International Preliminary Report on Patentability for International Application No. PCT/Fi2004/000554, date of issuance of report May 1, 2006.			

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicam.

Examiner	1.1 .1	Date	1/3
Signature	2 hik that Cha	Considered	12/11/6/
Signature	31111 01100	Todisideled	14/11/-1

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.